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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 0942.5220001/RWE/CJW

First Inventor SIMMS, Domenica

Title Reagent for the Isolation of RNA

Express Mail Label No.

01/16/02  
10/04/6667

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 23]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

Drawing(s) (35 U.S.C. 113) [Total Sheets 1]

5. Oath or Declaration [Total Pages 1]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76.

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Two (2) Return Receipt Postcards (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

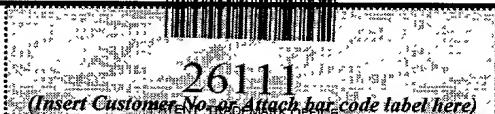
17.  Other: Authorization under 37 C.F.R. § 1.136(a)(3)  
 Other: The name of the assignee is: Invitrogen Corporation

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-Part (CIP)  
Prior application information: Examiner \_\_\_\_\_of prior application No: \_\_\_\_\_ /  
Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Labelor  Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.		
	Attorneys at Law		
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COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Robert W. Esmond	Registration No. (Attorney/Agent)	32,893
SIGNATURE	Robert W. Esmond	Date	Jan 16, 2002

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

01/16/02  
JC698  
U.S. PTO

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\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
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January 16, 2002

Commissioner for Patents  
Washington, D.C. 20231

*Box Patent Application*

Re: U.S. Non-Provisional Utility Patent Application  
Appl. No. To be assigned; Filed: Herewith (January 16, 2002)  
For: **Reagent for the Isolation of RNA**  
Inventor: SIMMS, Domenica  
Our Ref: 0942.5220001/RWE/CJW

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
2. U.S. Utility Patent Application entitled:

**Reagent for the Isolation of RNA**

and naming as inventor:

Domenica SIMMS

the application consisting of:

- a. A specification containing:
  - i. 18 pages of description prior to the claims;

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- ii. 4 pages of claims (claims 1-24); and
- iii. a one (1) page abstract.

b. One (1) sheet of drawings (Figs. 1-4);

3. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);

4. Application Data Sheet (37 C.F.R. § 1.76);

5. An original executed Power of Attorney from Assignee;

6. Certificate under 37 C.F.R. § 3.73(b) from Assignee with a copy of the Assignment attached; and

7. Two (2) return postcards.

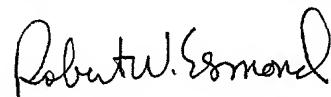
The name of the assignee is Invitrogen Corporation.

Correspondence should be sent to 26111.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert W. Esmond  
Attorney for Applicants  
Registration No. 32,893